

Mohammed Daqaq

List of Publications by Year in descending order

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papers

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citations

1040056

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15
docs citations

15
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining advanced 3D printing technologies with origami principles: A new paradigm for the design of functional, durable, and scalable springs. <i>Composites Part B: Engineering</i> , 2022, 236, 109811.	12.0	11
2	A time-implicit representation of the lift force for coupled translational–rotational galloping. <i>Nonlinear Dynamics</i> , 2021, 103, 2183-2196.	5.2	1
3	Suppression of galloping oscillations by injecting a high-frequency excitation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200244.	3.4	2
4	On the efficacy of charging a battery using a chaotic energy harvester. <i>Nonlinear Dynamics</i> , 2020, 99, 1525-1537.	5.2	21
5	An origami-inspired dynamically actuated binary switch. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	24
6	Improving the performance of galloping micro-power generators by passively manipulating the trailing edge. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	17
7	Exploiting the principle parametric resonance of an electric oscillator for vibratory energy harvesting. <i>Applied Physics Letters</i> , 2017, 110, 093903.	3.3	16
8	Primary Resonance Behaviour of a Nonlinear, Viscoelastic Model of Expanded Polymer Cushion Material. <i>Packaging Technology and Science</i> , 2015, 28, 694-709.	2.8	3
9	Reduced-order Modelling of the Linear Vibration Response of Expanded Polymer Cushion Material. <i>Packaging Technology and Science</i> , 2015, 28, 59-74.	2.8	8
10	Small strain vibration of a continuous, linearized viscoelastic rod of expanded polymer cushion material. <i>Journal of Sound and Vibration</i> , 2015, 349, 330-347.	3.9	12
11	Adaptive and active materials: selected papers from the ASME 2013 Conference on Smart Materials, Adaptive Structures and Intelligent Systems (SMASIS 13) (Snowbird, UT, USA, 16–18 September 2013). <i>Smart Materials and Structures</i> , 2014, 23, 100201.	3.5	1
12	Investigation of concurrent energy harvesting from ambient vibrations and wind using a single piezoelectric generator. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	104
13	A scalable concept for micropower generation using flow-induced self-excited oscillations. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	119
14	Input-shaping control of nonlinear MEMS. <i>Nonlinear Dynamics</i> , 2008, 54, 167-179.	5.2	47
15	Towards a stable low-voltage torsional microscanner. <i>Microsystem Technologies</i> , 2008, 14, 725-737.	2.0	21